

WHAT IS CLAIMED IS:

1. A process for monitoring web pages comprising the steps of:
selectively interrogating a web page in response to a preselected mode, wherein
said web page includes at least one portion dynamically generated in response to client
data;

said step of selectively interrogating said web page including the steps of:
listing a set of hooks corresponding to at least a portion of said client data,
wherein each hook of said set of hooks comprises an alternative entry of a method for
performing an action on said client data; and

passing said at least a portion of said client data to corresponding methods
using hooks in said set of hooks and wherein a web page is not returned to a client in
response to said step of passing said at least a portion of said client data.

2. The process of claim 1 further comprising the step of determining said preselected
mode in response to a configuration value.

3. The process of claim 1 wherein said step of interrogating said web page further
comprises the step of detecting a web page error in response to said step of passing said
at least a portion of said data values.

4. The process of claim 3 wherein said step of detecting said web page error
comprises the step of receiving a predetermined return value from at least one of said
corresponding methods, said predetermined return value indicating a failure of said at
least one of said corresponding methods.

1 5. The process of claim 3 wherein said step of detecting said web page error
2 comprises detecting an exception thrown by said at least one of said corresponding
3 methods.

1 6. The process of claim 1 wherein said step of interrogating said web page further
2 comprises the step of executing said corresponding methods in response to said step of
3 said at least a portion of said client data.

1 7. The process of claim 6 wherein said corresponding methods comprise methods
2 written in the Java programming language, and wherein said web page comprises a Java
3 Server Page (JSP).

1 8. The process of claim 4 further comprising the step of providing an indicator in
2 response to said step of detecting said web page error, said indicator including one or
3 more erroneous data values generating said web page error.

1 9. The process of claim 1 wherein said preselected mode comprises monitoring said
2 web page in response to input received from a web client.

1 10. The process of claim 1 wherein said preselected mode comprises recurrently
2 monitoring said web page, and wherein said client data is retrieved from a database.

1 11. A data processing system for monitoring web pages comprising:
2 circuitry operable for selectively interrogating a web page in response to a
3 preselected mode, wherein said web page includes at least one portion dynamically
4 generated in response to client data;

5 said circuitry operable for selectively interrogating said web page including:
6 circuitry operable for listing a set of hooks corresponding to at least a
7 portion of said client data, wherein each hook of said set of hooks comprises an
8 alternative entry of a method for performing an action on said client data; and
9 circuitry operable for passing, using hooks in said set of hooks, said at
10 least a portion of said client data to corresponding methods and wherein a web page is not
11 returned to a client in response to said step of passing said at least a portion of said client
12 data.

1 12. The system of claim 11 wherein said process further comprises the step of
2 determining said preselected mode in response to a configuration value.

1 13. The system of claim 11 wherein said circuitry operable for interrogating said web
2 page further comprises circuitry operable for detecting a web page error in response to
3 said step of passing said at least a portion of said data values.

1 14. The system of claim 13 wherein said circuitry operable for detecting said web
2 page error comprises circuitry operable for receiving a predetermined return value from
3 at least one of said corresponding methods, said predetermined return value indicating a
4 failure of said at least one of said corresponding methods.

1 15. The system of claim 13 wherein circuitry operable for detecting said web page
2 error comprises detecting an exception thrown by said at least one of said corresponding
3 methods.

1 16. The system of claim 11 wherein said circuitry operable for interrogating said web
2 page further comprises circuitry operable for executing said corresponding methods in
3 response to said step of said at least a portion of said client data.

1 17. The system of claim 16 wherein said corresponding methods comprise methods
2 written in the Java programming language, and wherein said web page comprises a Java
3 Server Page (JSP).

1 18. The system of claim 14 further comprising circuitry operable for providing an
2 indicator in response to said step of detecting said web page error, said indicator
3 including one or more erroneous data values generating said web page error.

1 19. The system of claim 11 wherein said preselected mode comprises monitoring said
2 web page in response to input received from a web client.

1 20. The system of claim 11 wherein said preselected mode comprises recurrently
2 monitoring said web page, and wherein said client data is retrieved from a database.

1 21. A computer program product embodied in a tangible storage medium, the
2 program for monitoring web pages comprising a program of instructions for performing
3 the process steps of:

4 selectively interrogating a web page in response to a preselected mode, wherein
5 said web page includes at least one portion dynamically generated in response to client
6 data;

7 said step of selectively interrogating said web page including the steps of:

8 listing a set of hooks corresponding to at least a portion of said client data,
9 wherein each hook of said set of hooks comprises an alternative entry of a method for
10 performing an action on said client data; and

11 passing, using hooks in said set of hooks, said at least a portion of said
12 client data to corresponding methods and wherein a web page is not returned to a client in
13 response to said step of passing said at least a portion of said client data.

1 22. The program product of claim 21 further comprising programming instructions
2 for performing the step of determining said preselected mode in response to a
3 configuration value.

1 23. The program product of claim 21 wherein said programming instructions for
2 performing the step of interrogating said web page further comprises programming
3 instructions for performing the step of detecting a web page error in response to said step
4 of passing said at least a portion of said data values.

1 24. The program product of claim 23 wherein said programming instructions for
2 performing the step of detecting said web page error comprises programming instructions
3 for performing the step of receiving a predetermined return value from at least one of said
4 corresponding methods, said predetermined return value indicating a failure of said at
5 least one of said corresponding methods.

1 25. The program product of claim 23 wherein said programming instructions for
2 performing the step of detecting said web page error comprises programming instructions
3 for performing the step of detecting an exception thrown by said at least one of said
4 corresponding methods.

1 26. The program product of claim 21 wherein said programming instructions for
2 performing the step of interrogating said web page further comprises programming
3 instructions for performing the step of executing said corresponding methods in response
4 to said step of said at least a portion of said client data.

1 27. The program product of claim 26 wherein said corresponding methods comprise
2 methods written in the Java programming language, and wherein said web page
3 comprises a Java Server Page (JSP).

1 28. The program product of claim 24 further comprising programming instructions
2 for performing the step of providing an indicator in response to said programming
3 instructions for performing the step of detecting said web page error, said indicator
4 including one or more erroneous data values generating said web page error.

1 29. The program product of claim 21 wherein said preselected mode comprises
2 monitoring said web page in response to input received from a web client.

- 1 30. The program product of claim 21 wherein said preselected mode comprises
2 recurrently monitoring said web page, and wherein said client data is retrieved from a
3 database.

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